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By: Winsome A. Dunn  
Winsome A. Dunn

DOCKET No. 21329-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Dieter HEINDL, et al

SERIAL NO.: 10/621,428

FILED: July 16, 2003

FOR: FLUORESCENT HYBRIDIZATION PROBES  
WITH REDUCED BACKGROUND

EXAMINER: Unassigned

ART UNIT: Unassigned

INFORMATION DISCLOSURE STATEMENT

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Sir:

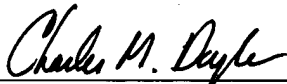
Applicant submits herewith a Form-1449, in compliance with the duty of disclosure requirements of 37 C.F.R. § 1.56 1.97 and 1.98, listing accompanying documents that may be considered material to the examination of this application. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits, whichever event occurs last. No certification or fee is therefore required under 37 C.F.R. § 1.97(b). However, should the Commissioner determine that fees are due in order for the Information Disclosure Statement to be considered at this stage, the Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to Deposit Account No. 50-0812. A duplicate copy of this communication is enclosed.

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested.

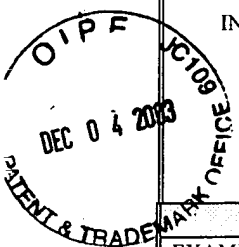
Respectfully submitted,

Date: 11/26/03

  
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INFORMATION DISCLOSURE CITATION PTO-1449			ATTORNEY'S DKT NO. 21329-US		APPLICATION NO. 10/621,428	
			APPLICANTS: Dieter Heindl, Hans-Peter Josel, Gregor Sagner & Jutta Myr			
			FILING DATE: July 16, 2003		GROUP: Unassigned	
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,037,130	03/14/2000	Tyagi, et al.	435	6	07/28/1995
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
	WO 97/46707	12/11/1997	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
	Bergstrom, D., et al., 1997, "Comparison of the base pairing properties of a series of nitroazole nucleobase analogs in the oligodeoxyribonucleotide sequence 5'-d(CGCXAATTGCG)-3'", <i>Nucleic Acids Research</i> , <u>25</u> (10):1935-1942					
	Didenko, V., 2001, "DNA Probes Using Fluorescence Resonance Energy Transfer (FRET): Design and Applications", <i>BioTechniques</i> , <u>31</u> (5):1106-1121					
	Frutos, A., et al., 2002, "Method for Detection of Single-Base Mismatches Using Bimolecular Beacons", <i>Journal of American Cancer Society</i> , <u>124</u> (11):2396-2397					
	Nazarenko, I., et al., 2002, "Effect of primary and secondary structure of oligodeoxyribonucleotides on the fluorescent properties of conjugated dyes", <i>Nucleic Acids Research</i> , <u>30</u> (9):2089-2195					
	Okamura, Y., et al., 2000, "Double-labeld donor probe can enhance the signal of fluorescence resonance energy transfer (FRET) in detection of nucleic acid hybridization", <i>Nucleic Acids Research</i> , <u>28</u> (24):e107					
	Seidel, C., et al., "1996, "Nucleobase-Specific Quenching of Fluorescent Dyes. 1. Nucleobase One-Electron Redox Potentials and Their Correlation with Static and Dynamic Quenching Efficiencies", <i>Journal of Phys. Chem.</i> , <u>100</u> :5541-5553					
	Tyagi, S., et al., 1998, "Multicolor molecular beacons for allele discrimination", <i>Nature Biotechnology</i> , <u>16</u> :49-83					
	Tyagi, S., et al., 2000, "Wavelength-shifting molecular beacons", <i>Nature Biotechnology</i> , <u>18</u> :1191-1196					
EXAMINER			DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.